

FIG. 10B

		00002 80140000 00080000 68000020 000E42C3 36224CDA .text C:\WINNT\foo.exe	PAGE C:\WINNT\foo.exe		•	00002 80240000 000C0000 68000020 0001BD3D 36DDB326 .text C:\temp\foo.exe	PAGE C:\temp\foo.exe	00000000 00000000 00000000			11F9A 445AF0D8 0000007E java/lang/System.arraycopy ((Ljava/lang/Object;Ljava/lang/Object;
		36224CDA	36224CDA			36008326	36008326	00000000		((C)()	ycopy ((Ljav
		000E42C3	000E42C3			0001BD3D	0001BD3D	00000000		'String. <init></init>	'System.arra
		68000020	60000020			68000020	60000020	00000000		/gnal/aval	/gnal/ava(
		0008000	00008000			00000000	00000000	00000005		00000074	0000007E
		80140000	80100000		00000000 0000	80240000	80300000	00000002	0002 80140000	445AF040	445AF0D8
	8	0000000	0000000	3E8	00000000	0000000	00000000	80249000	0000000	00001F9A	00001F9A
	0	0	0	0	0	0	0	0	0	0	0
Sample Trace file:	4:33900363 0 (4:33904248	4:339045d4	4:339007D7	4:3390191E	-	4:33904473	4:33C35EC5	4:33E04248	4:55A04368	4:55A04368
Sample	A8 1	19 38	19 38	11 84	11 83	19 38	19 38	10 03	19 39	19 44	19 44
	-										

1100

1200

2

Sample MTE file:

00000074 java/lang/String.<init>(([C)V) 0000007E java/lang/System.arraycopy ((Ljava/lang/Object;Ljava/lang/Object;II)V .text C:\WINNT\foo.exe PAGE C:\WINNT\foo.exe .text C:\temp\foo.exe PAGE C:\temp\foo.exe 0001BD3D 36DDB326 0001BD3D 36DDB326 000E42C3 36224CDA 36224CDA 000E42C3 68000020 60000020 68000020 60000020 0008000 00080000 00000000 00000000 80140000 80100000 80240000 80300000 445AF040 80140000 445AF0D8 0000000 0000000 0000000 0000000 0000000 00001F9A 00001F9A 4:33b280E7 4:33904473 4:33E04248 4:33904248 4:339045d4 4:55A04368 4:55A04368 388 388 44 44 44 44 44 44 00000000

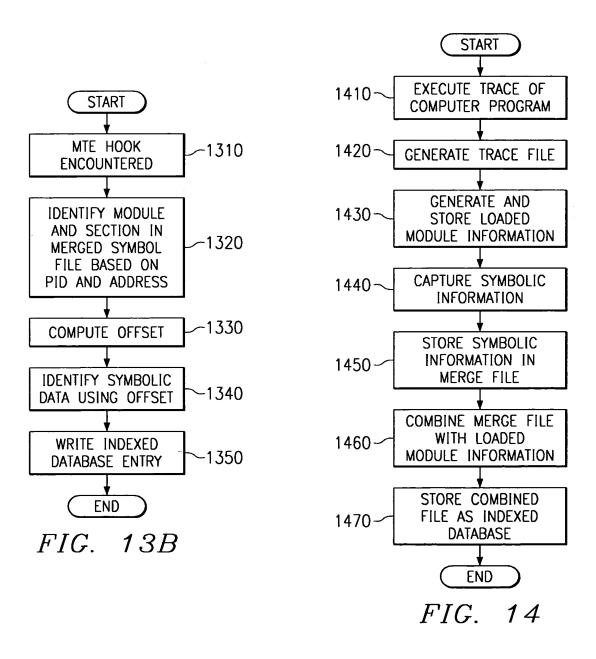
FIG. 12

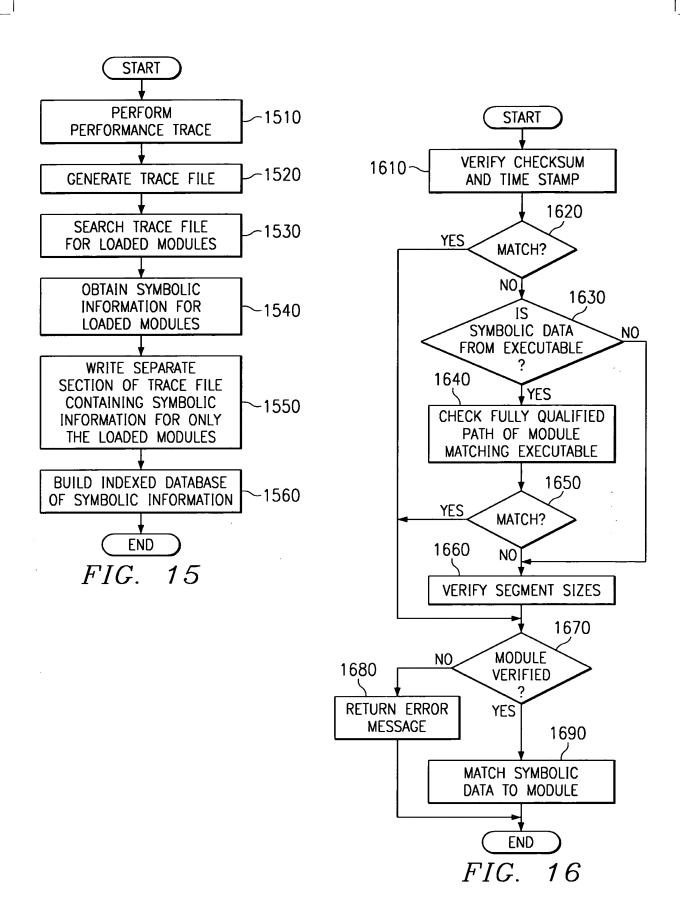
SAMPLE DATABASE:

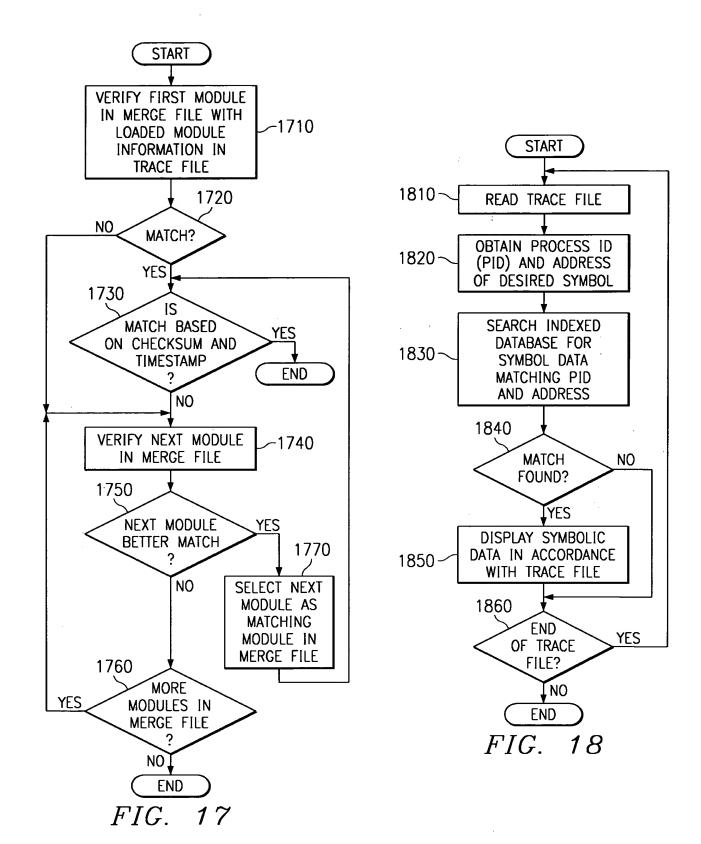
Address lookup by (pid:address) gives:

2:80140000 - C:\WINNT\
foo.exe(subroutine1)
2:80180000 - C:\WINNT\
1310 foo.exe(subroutine2)
2:80240000 - C:\temp\foo.exe(subroutine1)
2:80280000 - C:\temp\foo.exe(subroutine2)
2:802C0000 - C:\temp\foo.exe(subroutine3)

FIG. 13A







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FileName \winnt\system32\hal.dll TaskName system pid 0 start 80016180 size 00001e00 SegName PAGE SegNo 0x3 Symbols a 6604 Start_Segment_#3 80016180 80016604 113e HalGetAdapter 80017742 1c loAssignDriveLetters 8001775e 1c loReadPartitionTable 1c loSetPartitionInformation 8001777a 80017796 f0 loWritePartitionTable 80017886 34 HalAdjustResourceList 800178ba 44 HalAssignSlotResources 682 HalGetInterruptVector 800178fe 80017f80 0 End_Segment_#3

FIG. 19

FileName d:\winnt\system32\hal.dll TaskName system pid ???? start 0 size 00001e00 SegName PAGE SegNo 0x3 Symbols a 6604 Start_Segment_#3 474 113e HalGetAdapter 1c loAssignDriveLetters 15b2 1c loReadPartitionTable 15ce 15ea 1c IoSetPartitionInformation 1605 fO loWritePartitionTable 16f5 34 HalAdjustResourceList 1739 44 HalAssignSlotResources 1dbb 682 HalGetInterruptVector 253d 0 End_Segment_#3

FIG. 20

